



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/785,427

DATE: 08/16/2004

TIME: 15:57:15

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Output Set: N:\CRF4\08162004\J785427.raw

1 <110> APPLICANT: Sigma-Tau Industrie Farmaceutiche Riunite S.P.A.
 2 <120> TITLE OF INVENTION: Long Pentaxin PTX3 and Female Sterility
 3 <130> FILE REFERENCE: 012-ST-01-US
 4 <140> CURRENT APPLICATION NUMBER: US/10/785,427
 5 <141> CURRENT FILING DATE: 2004-02-25
 6 <150> PRIOR APPLICATION NUMBER: US/10/485,640
 7 <151> PRIOR FILING DATE: 2004-02-03
 8 <150> PRIOR APPLICATION NUMBER: US 60/309,472
 9 <151> PRIOR FILING DATE: 2001-08-03
 10 <160> NUMBER OF SEQ ID NOS: 11
 11 <170> SOFTWARE: PatentIn version 3.1
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 14 <211> LENGTH: 1837
 15 <212> TYPE: DNA
 16 <213> ORGANISM: Homo sapiens
 17 <300> PUBLICATION INFORMATION:
 18 <301> AUTHORS: Breviario et al.
 19 <302> TITLE: Interleukin-1 Inducible Genes in Endothelial Cells
 20 <303> JOURNAL: Journal of Biological Chemistry
 21 <304> VOLUME: 267
 22 <305> ISSUE: 31
 23 <306> PAGES: 22190-22197
 24 <307> DATE: 1992-11-05
 25 <308> DATABASE ACCESSION NO: X636613
 26 <309> DATABASE ENTRY DATE: 1993-07-29
 27 <400> SEQUENCE: 1



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 30 gaactcggat gattatgatc tcatgtatgt gaatttggac aacgaaatag acaatggact 180
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 34 cctggcgagg ccgtgcgcgc cgggggctcc cgcagaggcc aggtgacca gtgctctgga 420
 35 cgagctgctg caggcgaccc gcgacgcggg ccgcaggctg gcgcgtatgg agggcgcgga 480
 36 ggcgcagcgc ccagaggagg cggggcgcg cctggccgcg gtgctagagg agctgcggca 540
 37 gacgcgagcc gacctgcacg cgggtgcagg ctgggctgcc cggagctggc tgccggcagg 600
 38 ttgtgaaaca gctattttat tcccaatgcg ttccaagaag atttttggaa gcgtgcatcc 660
 39 agtgagacca atgaggttg agtcttttag tgccctgcatt tgggtcaaag ccacagatgt 720
 40 attaaacaaa accatcctgt ttccctatgg cacaagagg aatccatag aatccagct 780
 41 gtatctcagc taccaatcca tagtggttg ggtgggtgga gaggagaaca aactggttg 840
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61 <211> LENGTH: 381

62 <212> TYPE: PRT

63 <213> ORGANISM: Homo sapiens

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66 <222> LOCATION: (1)..(17)

67 <223> OTHER INFORMATION:

68 <220> FEATURE:

69 <221> NAME/KEY: MAT PEPTIDE

70 <222> LOCATION: (18)..(381)

71 <300> PUBLICATION INFORMATION:

72 <301> AUTHORS: Breviario et al.

73 <302> TITLE: Interleukin-1 Inducible Genes in Endothelial Cells

74 <303> JOURNAL: Journal of Biological Chemistry

75 <304> VOLUME: 267

76 <305> ISSUE: 31

77 <306> PAGES: 22190-22197

78 <307> DATE: 1992-11-05

79 <308> DATABASE ACCESSION NO: CAA45158

80 <309> DATABASE ENTRY DATE: 1993-07-29

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85      -1 1 5 10 15
86      Glu Ile Asp Asn Gly Leu His Pro Thr Glu Asp Pro Thr Pro Cys Asp
87      20 25 30
88      Cys Gly Gln Glu His Ser Glu Trp Asp Lys Leu Phe Ile Met Leu Glu
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90      Asn Ser Gln Met Arg Glu Arg Met Leu Leu Gln Ala Thr Asp Asp Val
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92      Leu Arg Gly Glu Leu Gln Arg Leu Arg Glu Glu Leu Gly Arg Leu Ala
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Output Set: N:\CRF4\08162004\J785427.raw

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99      115      120      125
100     Ala Gly Arg Ala Leu Ala Ala Val Leu Glu Glu Leu Arg Gln Thr Arg
101     130      135      140
102     Ala Asp Leu His Ala Val Gln Gly Trp Ala Ala Arg Ser Trp Leu Pro
103     145      150      155
104     Ala Gly Cys Glu Thr Ala Ile Leu Phe Pro Met Arg Ser Lys Lys Ile
105     160      165      170      175
106     Phe Gly Ser Val His Pro Val Arg Pro Met Arg Leu Glu Ser Phe Ser
107     180      185      190
108     Ala Cys Ile Trp Val Lys Ala Thr Asp Val Leu Asn Lys Thr Ile Leu
109     195      200      205
110     Phe Ser Tyr Gly Thr Lys Arg Asn Pro Tyr Glu Ile Gln Leu Tyr Leu
111     210      215      220
112     Ser Tyr Gln Ser Ile Val Phe Val Val Gly Gly Glu Glu Asn Lys Leu
113     225      230      235
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115     240      245      250      255
116     Thr Trp Asn Ser Glu Glu Gly Leu Thr Ser Leu Trp Val Asn Gly Glu
117     260      265      270
118     Leu Ala Ala Thr Thr Val Glu Met Ala Thr Gly His Ile Val Pro Glu
119     275      280      285
120     Gly Gly Ile Leu Gln Ile Gly Gln Glu Lys Asn Gly Cys Cys Val Gly
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122     Gly Gly Phe Asp Glu Thr Leu Ala Phe Ser Gly Arg Leu Thr Gly Phe
123     305      310      315
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133 <212> TYPE: DNA

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135 <300> PUBLICATION INFORMATION:

136 <301> AUTHORS: Introna et al.

137 <302> TITLE: Cloning of Mouse PTX3

138 <303> JOURNAL: Blood

139 <304> VOLUME: 87

140 <305> ISSUE: 5

141 <306> PAGES: 1862-1872

142 <307> DATE: 1996-03-01

143 <308> DATABASE ACCESSION NO: X83601

144 <309> DATABASE ENTRY DATE: 1996-01-10

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178 <210> SEQ ID NO: 4
179 <211> LENGTH: 381
180 <212> TYPE: PRT
181 <213> ORGANISM: Mus musculus
182 <220> FEATURE:
-> 183 <221> NAME/KEY: SIGNAL PEPTIDE
184 <222> LOCATION: (1)..(17)
185 <223> OTHER INFORMATION:
186 <220> FEATURE:
187 <221> NAME/KEY: MAT PEPTIDE
188 <222> LOCATION: (18)..(381)
189 <223> OTHER INFORMATION:
190 <300> PUBLICATION INFORMATION:
191 <301> AUTHORS: Introna et al.
192 <302> TITLE: Cloning of Mouse PTX3
193 <303> JOURNAL: Blood
194 <304> VOLUME: 87

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195 <305> ISSUE: 5
196 <306> PAGES: 1862-1872
197 <307> DATE: 1996-03-01
198 <308> DATABASE ACCESSION NO: CAA58580
199 <309> DATABASE ENTRY DATE: 1996-01-10
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224 160          165          170          175
225 Phe Gly Ser Val His Pro Val Arg Pro Met Lys Leu Glu Ser Phe Ser
226           180          185          190
227 Thr Cys Ile Trp Val Lys Ala Thr Asp Val Leu Asn Lys Thr Ile Leu
228           195          200          205
229 Phe Ser Tyr Gly Thr Lys Trp Asn Pro Tyr Glu Ile Gln Leu Tyr Leu
230           210          215          220
231 Ser Ser Gln Ser Leu Val Leu Val Val Gly Gly Lys Glu Asn Lys Leu
232           225          230          235
233 Ala Ala Asp Thr Val Val Ser Leu Gly Arg Trp Ser His Leu Cys Gly
234 240          245          250          255
235 Thr Trp Ser Ser Glu Gln Gly Ser Met Ser Leu Trp Ala Asn Gly Glu
236           260          265          270
237 Leu Val Ala Thr Thr Val Glu Met Ala Lys Ser His Ser Val Pro Glu
238           275          280          285
239 Gly Gly Leu Leu Gln Ile Gly Gln Glu Lys Asn Gly Cys Cys Val Gly
240           290          295          300
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/16/2004
PATENT APPLICATION: US/10/785,427 TIME: 15:57:16

Input Set : N:\AMC\US10785427.raw
Output Set: N:\CRF4\08162004\J785427.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 2,4,5,7

VERIFICATION SUMMARY

DATE: 08/16/2004

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L:183 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
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L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0